



Serial No.: 09/826,274

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Art Unit: 2875

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Joseph C. Olson et al.  
Serial No: 09/826,274  
Confirmation No: 2953  
Filed: April 4, 2001  
For: CATHODE ASSEMBLY FOR INDIRECTLY HEATED  
CATHODE ION SOURCE  
Examiner: Dalei Dong  
Art Unit: 2879

**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the 11<sup>th</sup> day of January, 2005.

Cheryl Purcell  
Cheryl Purcell

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**RESPONSE**

In response to the Office Action mailed July 12, 2004, the status of the claims and the following remarks in connection with the above-identified application are provided as follows.